

PTO/SB/08A (10-01)

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	INFORMATION DISCLOSURE		Application Number	10/629,733	
	INFORMATION DISCL	.os	URE	Filing Date	July 30, 2003
	STATEMENT BY APP	LIC	ANT	First Named Inventor	H. CHAKIHARA, et al.
				Art Unit	2826
	(use as many sheets as ne	essa	rv)	Examiner Name	F. Abraham
Sheet	1	of	1	Attorney Docket Number	2826

			U.S. PATENT	OCUMENTS	
Examiner Initials'	Cite No.1	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
90		5,364,810	11-1994	Kosa et al	
1/		5.550.396	08-1996	Tsutsumi	
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		FORE	GN PATENT D	OCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
Initials'	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	۳٥
70		WO 03036714	05-2003			
		WO 03019663	03-2003 ⁻			
		JP 888328	04-1996			
		JP 5206394	08-1993			
		.IP 6104405	04-1994			
_ ٢	_	JP 5062474	03-1993			
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		OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
6X		U.S. Application No.: 10/465,550 Specification (pp 77) and drawings (pp 78)	
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Examiner Signature	1/	the for Date considered considered	

*EXAMINER: Initia/if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	D TRADEMARK OFFICE 501.42869X00 APPLICANT CHAKIHARA, et al. FILING DATE GROUP	
INFORMAT	ION DISCLOSURE STATEMENT BY APPLICANT		
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U.S. PATENT DOCUMENTS

Examin Initial	er	Document Number	Date	Name	Class	Subclass	Filing Date
	AA	5,364,810		KOSA, et al.	437	52	07/28/1992
M	AB	5,550,396		TSUTSUMI, et al.	257	330	05/24/1995
.1/	AC	6,060,723	05/09/2000	NAKAZATO, et al.	257	20	06/10/1998
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FOREIGN PATENT DOCUMENTS

Examin	er	Document					Abst	ract
Initial		Number	Date	Country	Class	Subclass	Yes	No
PV	AM	8-88328	04/02/1996	JP	HOIL	27/10		X
	AN	5-206394	100,13,1773	JP	H01L	27/10		X
/	AO	11-87541	03/30/1999	JP	H01L	21/8247		X
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

OTHER DOCOMESTIES (Including Mathor, Mice, 22	10, 1 of time in 1 ngos, 2001)
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